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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

DPP7, His-Tag

Human, Recombinant, C-terminal His tag

Catalog #: 80070

Lot#: 111207-2 **Conc.:** 0.07 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 200 mM imidazole, and 20% glycerol.

Stability: >6 months at -80°C

References:

1. Shreder K.R. et al., Bioorg Med Chem Lett. 2005 Oct 1;15(19):4256-60.
2. Maes M.B. et al., Biochem J. 2005 Mar 1;386(Pt 2):315-24.

Description:

Human DPP7 (GenBank Accession No. NM_013379), (amino acids 26-end) with C-terminal His tag, MW=53 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

Specific Activity: 1880 pmol/min/μg

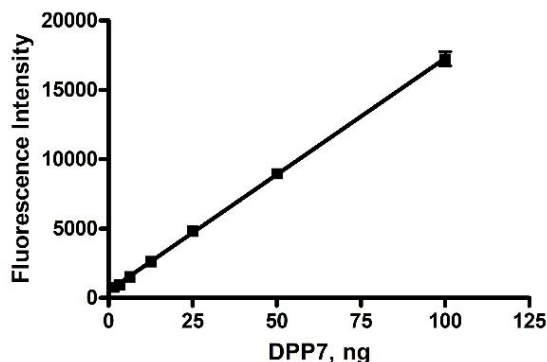
Assay Condition: Test wells contained 0.01M Tris-HCl pH7.4, 0.01M MgCl₂, 0.05% Tween-20, 5 μM DPP substrate 1, and various amounts of DPP7(0-200ng). Standard wells contained 0.01M Tris-HCl pH7.4, 0.01M MgCl₂, 0.05% Tween-20, and various amounts of Fluorescent AMC standard (0.01 μM-1.25 μM). Incubated for 10 minutes at room temperature. Fluorescence intensity was measure at excitation 360 nm and emission 460 nm.

Application:

Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Assurance

Specific Activity

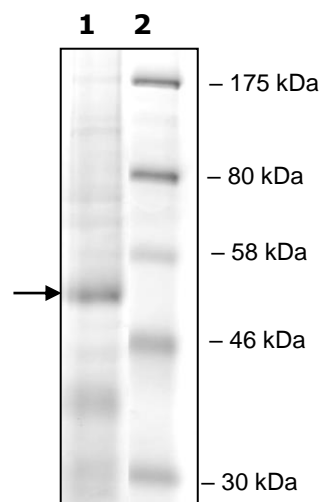


**10% SDS-PAGE
Coomassie staining**

Lane 1:
1.4 μg DPP7

Lane 2:
Protein Marker
BioLabs (#P7708L)

MW: 53 kDa.
Purity: ≥47%



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